

RECORDS OF PHORIDAE (DIPTERA) REARED FROM FUNGI

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One of us (R.E.E.) reared a number of Phoridae from fungi collected at various localities in Norfolk during 1980. The following species were obtained:

Megaselia bovista (Gimmerthal)

Nine from *Lycoperdon* (= *Calvatia*, = *Langermannia*) *giganteum* (= *L. bovista*) in August, from North Tuddenham Common (Grid ref. 63/0311). Gimmerthal (1848) reared this species from *L. giganteum*. Colyer (1954) reported it from cultivated mushrooms (*Agaricus bisporus*).

Megaselia buxtoni Colyer

Five from *Thelephora terrestris* in September and October from Swanton Novers Wood (63/0032). Previously it has been reported from *Pleurotus cornucopiae*, *Polyporus squamosus* and *Gloeoporus* (= *Polyporus*) *fumosus* (= *Bjerkandera fumosa*) (Colyer 1954, Buxton, 1961, Chandler, 1973).

Megaselia flava (Fallen)

Six from *Peziza varia* in July and August, from Warren Wood (63/0911); four from *Pluteus cervinus* in August and September, from Wayland Wood (52/9299); and 42 from *Peziza micropus* in August, from Wayland Wood. Previously reported from *Peziza* (= *Aleuria*) *repanda* (Colyer, 1954), *Russula heterophylla* (Schmitz, 1948), *R. aeruginea* (Eisfelder, 1956), *Cortinellus edodes* (Kiyoku, 1968) *Amanita* and *Tricholomopsis* (Chandler, 1978).

Megaselia flavicans Schmitz

Six from *Amanita excelsa* in June from Mousehold Heath (63/2410); and eight from *Russula cyanoxantha* in September, from Holkham Woods (53/9045). Previously reared from 15 other species of fungi (Schmitz, 1948, Eisfelder, 1956, Disney & Evans, 1978).

Megaselia impolluta (Schmitz)

Eight from *Pluteus minutissimus* in August, from Warren Wood. Previously reared from *Pluteus umbrosus* (Colyer, 1954) and a rotten *Pleurotus* sp. (Disney & Evans, 1979).

Megaselia lutea (Meigen)

38 from *Russula vesca* in June and July, from Honingham Fen (63/0911); and nine from *Russula lepida* in September and October, from Lenwade Pits (63/1018). Previously reared from 36 species of fungi, including these two (Schmitz, 1948, Eisfelder, 1956, Buxton, 1961, Disney & Evans, 1979).

Megaselia nigra (Meigen)

121 from *Agaricus campestris* in August, from Welborne (53/0609). Previously reared from this species and *A. bisporus* (Wood, 1914, Schmitz, 1948, Brauns, 1950, Colyer, 1954, Hussey, 1950, Robinson, 1978); from *Coprinus comatus* (Malloch, 1912) and *Boletus* (Chandler, 1978).

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Megaselia pygmaeoides (Lundbeck)

Five from *Russula nigricans* in September, from Honingham Fen. Previously reared from this and 17 other species of fungi (Eisfelder, 1956, Buxton, 1961, Disney & Evans 1979).

Discussion

The rearings from *Amanita excelsa*, *Peziza micropus*, *P. varia*, *Pluteus minutissimus* and *Thelephora terrestris* are the first records of named species of scuttle fly breeding in these fungi. *Conicera similis* (Haliday) is the only named Phorid previously reported from *Pluteus cervinus* (Schmitz, 1948) and *M. flavicans* has not previously been reported from *Amanita excelsa*.

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